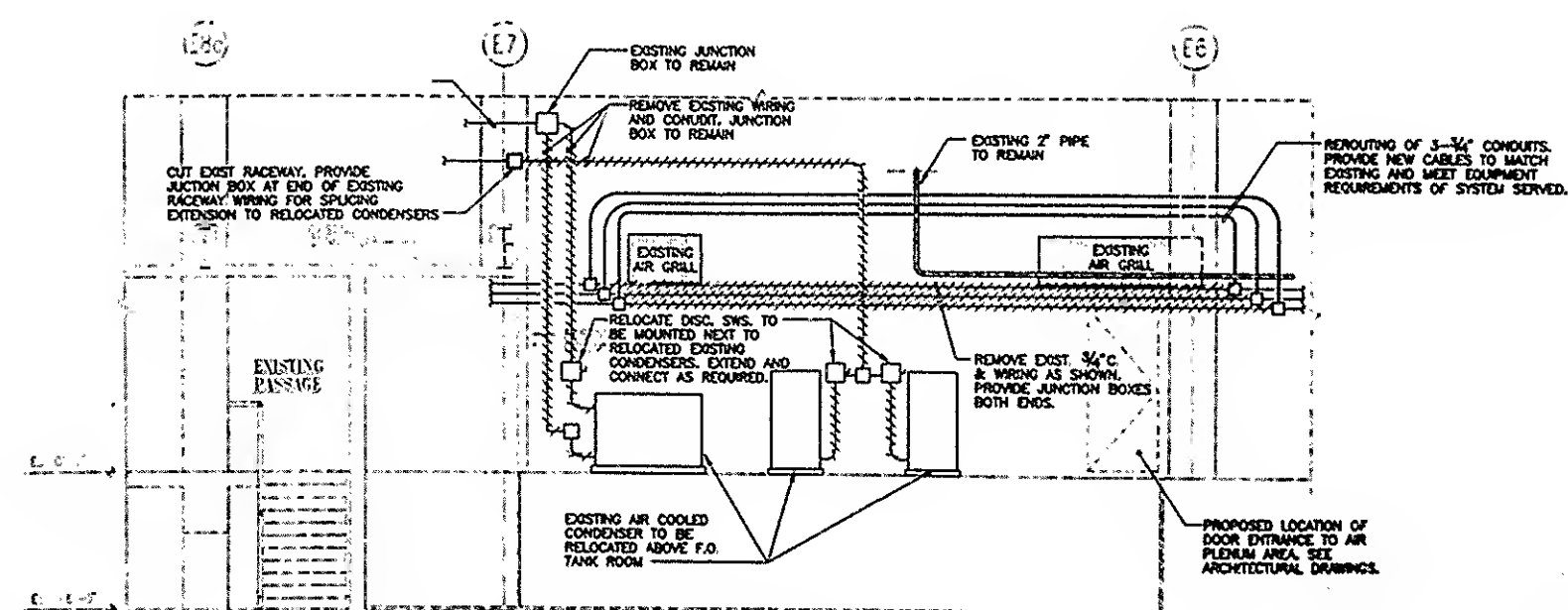
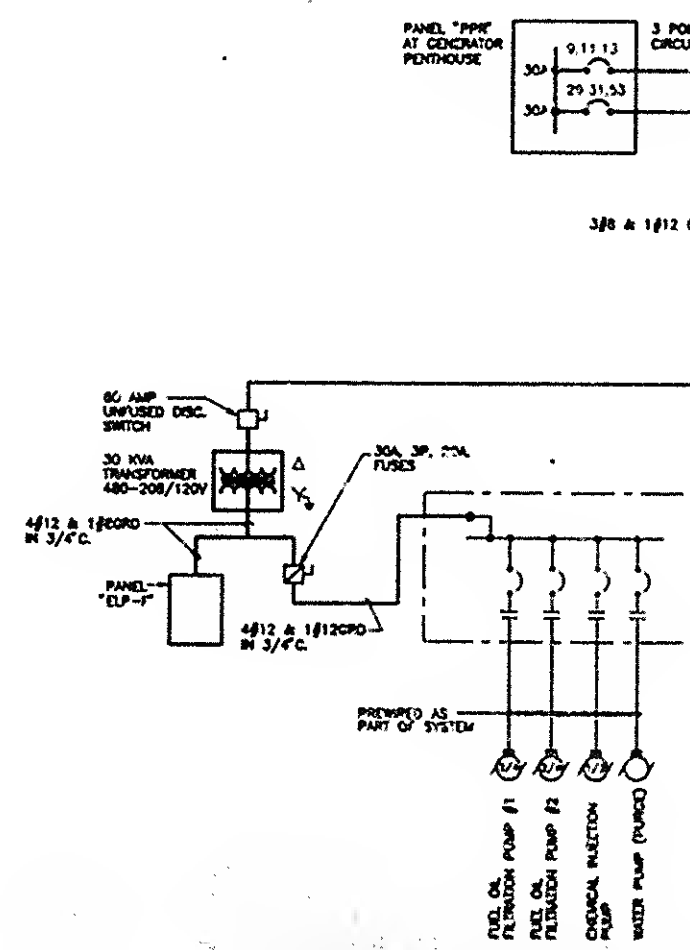


5 WTC PART PLAN B2 LEVEL
FUEL OIL TANK ROOM

PANEL DESIGNATION: <u>ELP-F</u>										LOCATION: <u>SWTC ROOF GENERATOR BULKHEAD</u>												
SERVICE: <u>120/208</u> VOLTS <u>3</u> PHASE <u>4</u> WIRE <u>W/GRD. BUS</u>																						
MAINS: <u>100</u> AMPS WITH <u>50</u> AMP MAIN BKR. <u>12</u> POLES																						
SERVICE TO:		CONNL. KVA			BRANCH CIRCUITS			CONNL. KVA			SERVICE TO:		CONNL. KVA			BRANCH CIRCUITS			CONNL. KVA			
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
LIGHTS		07			1.0	13	1	2	7	13	1.2											
F.O. MANAGEMENT SYSTEM CONTROL PNL					1.0	13	3	4		13	1.0											
SCADA I/O PANEL							1.0	13	5	8		13	1.0									
SPARE									13	7												
SPARE											13	9										
SPARE												13	11									
SUBTOTALS: 0.7 1.0 1.0										1.2 1.0 1.0												
TOTAL CONNL. LOAD: <u>5.9</u> KVA																						
DEMAND LOAD + 1.25 SPARE: <u>7.4</u> KVA																						
AMPS: <u>21</u>																						



WEST ELEVATION OF EXISTING CONDITION
AT F.O. TANK ROOM FOR MODIFICATIONS



F.O. SYSTEM
POWER DISTRIBUTION